

HA-52 & HA-62

AIR DRAINER (FOR LIQUID APP.)

GENERAL FEATURES

Pressure:

Note that there may be pressure in the pipeline where the air blower is connected before servicing. If there is pressure in the system pressure it must be discharged safely.

Temperature:

Be careful of the temperature of the air blower before maintenance. May cause physical injuries. Wait for the temperature to return to normal.

Operation:

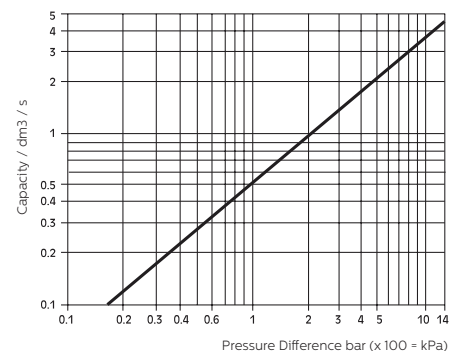
The HA-52 air drainer is used to remove air and gases from the system, especially in heating and cooling lines and other fluid liquid systems. Aeration is performed by a float and lever. When air or other gases come in to the device, the valve opens and starts evacuation. When water arrives, it lifts the float and closes

the orifice. Sealing against water is ensured. This cycle continues automatically.

Installation:

- The air drainer should be mounted at the highest point system.
- Do not use elbows on entry lines. Use one valve in front of the entrance, so you can isolate the air drainer from the system for repair and cleaning.
- It can be installed horizontally but it should not be preferred except in very obligatory situations.

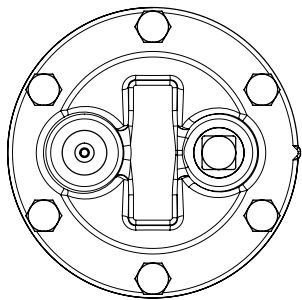
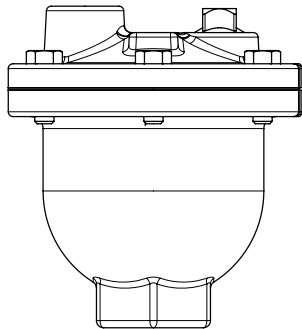
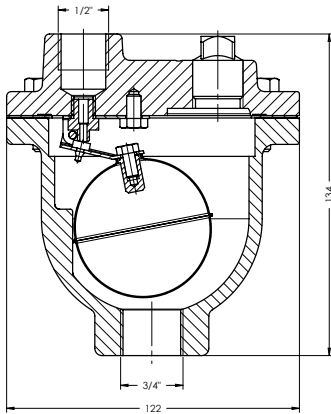
WORKING CONDITIONS		
	HA-52	HA-62
Max. Working Pressure	PN 16	PN 25
Max. Working Temp.	198°C	198°C
Dia (inch)	1/2"x1/2"	3/4"x1/2"
	3/4"x1/2"	



HA-52 & HA-62 AIR DRAINER (FOR LIQUID APP.)

HA-52 STRUCTURE

HA-52 & HA-62 TECHNICAL DRAWING



PART LIST		
No	Part Name	Material
1	Body	GGG 40 Cast Iron
2	Float	AISI 316 L Stainless Steel
3	Float Handle	AISI 304 Stainless Steel
4	Bolt A.K.B. M5	AISI 304 Stainless Steel
5	Liquid Drainer Orifice	Viton
6	Float Stem	AISI 304 Stainless Steel
7	Float Handle Part	AISI 304 Stainless Steel
8	Bolt A.K.B. M6	AISI 304 Stainless Steel
9	Float Seat	AISI 304 Stainless Steel
10	Cover Gasket	Klingerite Without Rock-Wool
11	Cover	GGG 40 Cast Iron
12	Bolt A.K.B. M8	8.8
13	Balance Nut	St-37

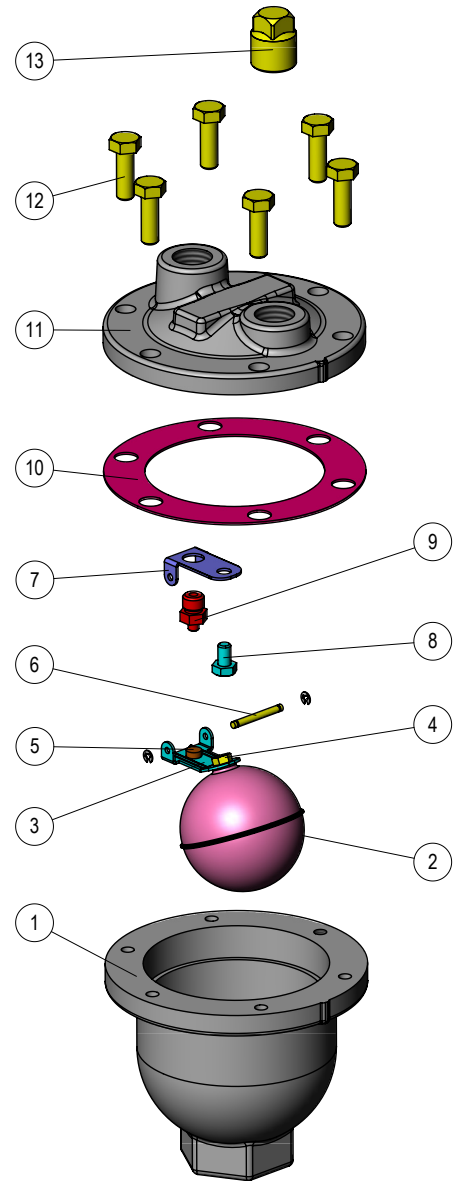
DIAMETERS				
	Threaded			
	Inlet Dia.	Outlet Dia.	H(mm)	L(mm)
HA-52	3/4"	1/2"	122	134
HA-62	3/4"	1/2"	122	134

All measurements in the table are given in mm.
All technical arrangements and changes to be made in the production process are the property of Ayvaz.

TECHNICAL SPECIFICATION	
Connection Type	Threaded
Connection	Preferably Vertical(From the bottom) / Horizontal

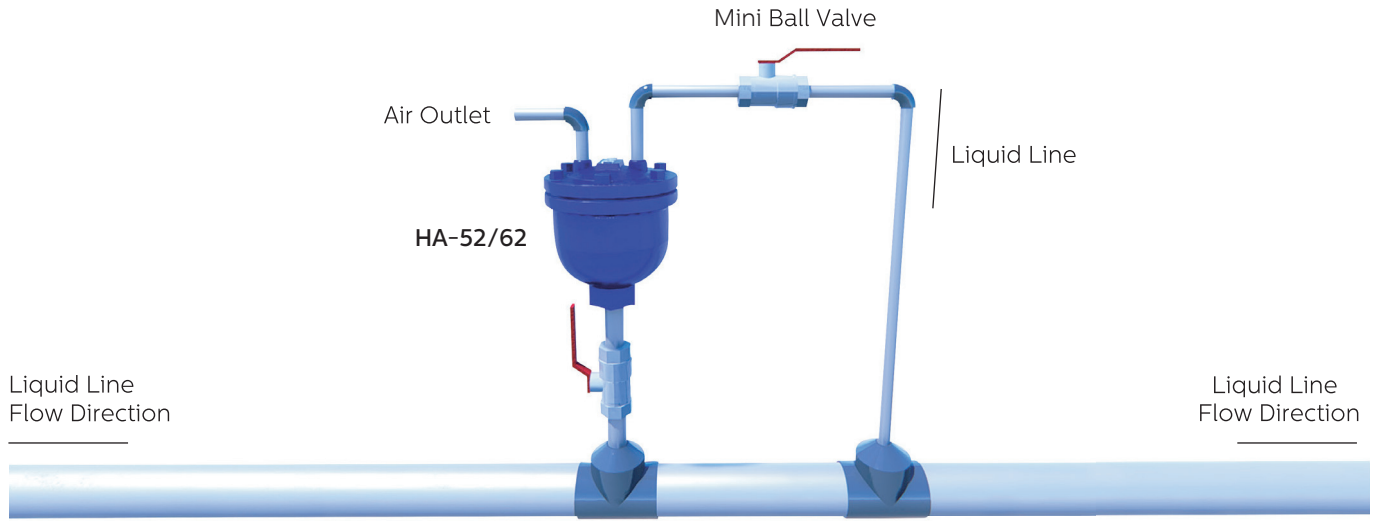
HA-62 STRUCTURE

TECHNICAL SPECIFICATION	
Body and Cover	CF8M
Connection Type	Threaded
Connection	Preferably Vertical(From the bottom) / Horizontal



HA-52 & HA-62 AIR DRAINER (FOR LIQUID APP.)

3D APPLICATION SAMPLE



As the air is discharged from the system into the atmosphere, the liquid is reintroduced into the system with HA-52/62.